

MASTERSPEC®

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DIVISION 01 - GENERAL REQUIREMENTS

| | | | |
|---|--------------|--|---|
| | 3/03 010000 | GENERAL REQUIREMENTS | Evaluations for all Division 01 Sections. |
| R | 11/02 011000 | SUMMARY | Summary of the Work, Work phases, products ordered in advance, Owner-furnished products, use of premises, and work restrictions. |
| | 11/02 011200 | MULTIPLE CONTRACT SUMMARY | Responsibilities of each contract for the Work, coordination, and temporary facilities and controls. |
| | 11/02 012100 | ALLOWANCES | Provisions for allowances. |
| | 11/02 012200 | UNIT PRICES | Provisions for unit prices. |
| | 11/02 012300 | ALTERNATES | Provisions for alternates. |
| | 11/02 012600 | CONTRACT MODIFICATION PROCEDURES | Procedural requirements for changing the Contract. |
| | 11/02 012900 | PAYMENT PROCEDURES | Administrative requirements for payment. |
| | 8/04 013100 | PROJECT MANAGEMENT AND COORDINATION | Administrative requirements for project meetings and coordination. |
| | 11/02 013200 | CONSTRUCTION PROGRESS DOCUMENTATION | Contractor's Construction Schedule, Submittals Schedule, and reports. |
| | 11/02 013233 | PHOTOGRAPHIC DOCUMENTATION | Construction photographs and videotapes. |
| R | 11/02 013300 | SUBMITTAL PROCEDURES | Procedures for submitting Action, Informational, and Delegated-Design Submittals. |
| | 5/02 013591 | HISTORIC TREATMENT PROCEDURES | Storage, temporary protection, and procedures. |
| | 11/02 014000 | QUALITY REQUIREMENTS | Quality-assurance and -control requirements and special inspections. |
| | 11/05 014200 | REFERENCES | Common definitions and terms; and acronyms and trade names of associations, government agencies, and other entities referenced in MASTERSPEC. |
| R | 11/02 015000 | TEMPORARY FACILITIES AND CONTROLS | Temporary utilities and facilities for support, security, and protection. |
| | 11/02 016000 | PRODUCT REQUIREMENTS | Administrative and procedural requirements for product selection and handling, warranties, and product substitutions. |
| | 11/02 017300 | EXECUTION | Field engineering, progress cleaning, and general requirements for product installation. |
| R | 11/02 017329 | CUTTING AND PATCHING | Special procedures. |
| R | 2/03 017419 | CONSTRUCTION WASTE MANAGEMENT AND DISPOSAL | Salvaging, recycling, and disposing of construction waste. |
| | 11/02 017700 | CLOSEOUT PROCEDURES | Administrative and procedural requirements for Contract closeout. |
| | 11/02 017823 | OPERATION AND MAINTENANCE DATA | Emergency, operation, and maintenance manuals for products and equipment. |
| | 11/02 017839 | PROJECT RECORD DOCUMENTS | Record Drawings, Specifications, and Product Data. |
| | 11/02 017900 | DEMONSTRATION AND TRAINING | Administrative and procedural requirements for instructing Owner's personnel. |
| U | 5/06 018113 | SUSTAINABLE DESIGN REQUIREMENTS | General requirements and procedures for LEED prerequisites and credits. |
| | 12/05 019113 | GENERAL COMMISSIONING REQUIREMENTS | Administrative requirements and procedures for commissioning all systems. |

DIVISION 02 - EXISTING CONDITIONS

| | | | |
|---|--------------|--------------------------------|---|
| | 5/04 024116 | STRUCTURE DEMOLITION | Complete structure removal. |
| R | 11/02 024119 | SELECTIVE STRUCTURE DEMOLITION | Demolition and removal of selected portions of buildings and site elements. |

DIVISION 03 - CONCRETE

| | | | |
|---|--------------|--------------------------------------|---|
| R | 8/02 033000 | CAST-IN-PLACE CONCRETE | General building and structural applications. |
| R | 8/02 033053 | MISCELLANEOUS CAST-IN-PLACE CONCRETE | Limited applications for smaller projects. |
| R | 8/02 033300 | ARCHITECTURAL CONCRETE | Specially formed, placed, and finished architectural concrete. |
| R | 11/02 033816 | UNBONDED POST-TENSIONED CONCRETE | Post-tensioning reinforcement, encapsulated and non-encapsulated. |

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|---|------|--------|--|--|
| R | 2/05 | 034100 | PRECAST STRUCTURAL CONCRETE | Conventional precast structural concrete units. |
| R | 5/04 | 034500 | PRECAST ARCHITECTURAL CONCRETE | Precast concrete cladding units, insulated units, and masonry-faced units. |
| R | 8/02 | 034713 | TILT-UP CONCRETE | Wall panels and insulated sandwich panels. |
| | 5/01 | 034900 | GLASS-FIBER-REINFORCED CONCRETE (GFRC) | Lightweight facing members. |
| | 5/03 | 035216 | LIGHTWEIGHT INSULATING CONCRETE | Mineral-aggregate and foam types. |
| | 5/02 | 035300 | CONCRETE TOPPING | High-strength special-aggregate concrete floor toppings. |

DIVISION 04 - MASONRY

| | | | | |
|---|-------|--------|---------------------------------|--|
| | 8/05 | 040100 | MAINTENANCE OF MASONRY | Evaluations for Sections 040120 and 040140. |
| | 8/05 | 040120 | MAINTENANCE OF UNIT MASONRY | Historic and nonhistoric applications for brick and terra cotta. |
| | 8/05 | 040140 | MAINTENANCE OF STONE ASSEMBLIES | Historic and nonhistoric applications for stone. |
| | 8/02 | 042000 | UNIT MASONRY | General applications, walls, partitions. |
| R | 8/03 | 042300 | GLASS UNIT MASONRY | Glass block installed with mortar and glass-block grid systems. |
| | 2/04 | 044200 | EXTERIOR STONE CLADDING | Exterior stone panels. |
| | 11/04 | 044300 | STONE MASONRY | Stone veneer laid in mortar. |
| | 11/02 | 047200 | CAST STONE MASONRY | Architectural features, facing, trim, and site accessories. |

DIVISION 05 - METALS

| | | | | |
|---|------|--------|---------------------------|--|
| R | 2/01 | 051200 | STRUCTURAL STEEL FRAMING | Framing systems. |
| R | 5/03 | 052100 | STEEL JOIST FRAMING | Standard SJI units. |
| R | 5/03 | 053100 | STEEL DECKING | Roof, floor, and composite types. |
| R | 8/03 | 054000 | COLD-FORMED METAL FRAMING | Load-bearing and exterior non-load-bearing wall studs; floor, ceiling, and roof joists; rafters and roof trusses. |
| R | 2/02 | 055000 | METAL FABRICATIONS | Iron and steel items (not sheet metal). |
| R | 2/02 | 055100 | METAL STAIRS | Steel; with pan, plate, and grating treads. |
| R | 2/02 | 055213 | PIPE AND TUBE RAILINGS | Railings fabricated from aluminum, stainless-steel, and steel pipe and tubing. |
| R | 5/02 | 055300 | METAL GRATINGS | Metal and glass-fiber-reinforced plastic gratings. |
| | 5/02 | 057000 | DECORATIVE METAL | Custom fabrications from nonferrous and ferrous metals. |
| | 2/02 | 057300 | DECORATIVE METAL RAILINGS | Ornamental metal railings assembled from either standard or custom components and shapes. Also included are glass- and plastic-supported railings, and illuminated railings. |
| R | 2/03 | 057500 | DECORATIVE FORMED METAL | Custom sheet metal fabrications; no flashing. |

DIVISION 06 - WOOD, PLASTICS, AND COMPOSITES

| | | | | |
|---|-------|--------|------------------------------|--|
| R | 11/03 | 061000 | ROUGH CARPENTRY | Wood framing, furring, grounds, nailers, and blocking. |
| | 2/06 | 061063 | EXTERIOR ROUGH CARPENTRY | Elevated decks and other exterior wood construction. |
| U | 5/06 | 061323 | HEAVY TIMBER CONSTRUCTION | Solid timber framing. |
| U | 5/06 | 061500 | WOOD DECKING | Solid and laminated T & G decking. |
| R | 11/03 | 061600 | SHEATHING | Roof and wall sheathing (including gypsum sheathing); subflooring, underlayment, and weather-resistive barriers. |
| R | 11/03 | 061753 | SHOP-FABRICATED WOOD TRUSSES | Metal-plate-connected members. |
| U | 5/06 | 061800 | GLUED-LAMINATED CONSTRUCTION | Glued-laminated structural framing. |

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

| | | | | |
|---|-------|--------|-----------------------------------|--|
| R | 11/04 | 071113 | BITUMINOUS DAMPPROOFING | Hot- and cold-applied dampproofing. |
| | 5/04 | 071326 | SELF-ADHERING SHEET WATERPROOFING | Self-adhering modified bituminous and adhesive-coated HDPE sheet; drainage panels. |
| | 5/04 | 071353 | ELASTOMERIC SHEET WATERPROOFING | Butyl and EPDM sheet; drainage panels. |
| | 5/04 | 071354 | THERMOPLASTIC SHEET WATERPROOFING | PVC sheet; drainage panels. |

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|---|--------------|--|--|
| | 11/05 071413 | HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING | Hot, rubberized-asphalt waterproofing for plaza deck and below-grade walls. |
| | 8/05 071416 | COLD FLUID-APPLIED WATERPROOFING | Polyurethane, polyester, and latex-rubber types. |
| | 11/02 071900 | WATER REPELLENTS | Clear and pigmented penetrating types and film-forming types. |
| | 5/04 078100 | APPLIED FIREPROOFING | Concealed and exposed cementitious and sprayed fiber; exposed intumescent mastic. |
| | 11/02 078413 | PENETRATION FIRESTOPPING | Through-penetration firestop systems. |
| | 11/02 078446 | FIRE-RESISTIVE JOINT SYSTEMS | For floor-to-floor, wall-to-wall, floor-to-wall, head-of-wall, and perimeter-floor-to-curtain-wall joints. |
| R | 5/01 079200 | JOINT SEALANTS | Elastomeric, nonelastomeric, and preformed sealants. |
| | 2/04 079500 | EXPANSION CONTROL | For building interiors and exteriors and open-air structures. |

DIVISION 09 - FINISHES

| | | | |
|---|--------------|------------------------------------|---|
| R | 11/04 096340 | STONE FLOORING | Exterior and interior stone traffic surfaces. |
| | 2/04 099100 | PAINTING | Evaluations for Sections 099113 and 099123. |
| | 2/04 099113 | EXTERIOR PAINTING | Exterior painting. |
| R | 2/04 099123 | INTERIOR PAINTING | Interior painting. |
| R | 2/04 099300 | STAINING AND TRANSPARENT FINISHING | For interior and exterior wood. |
| R | 11/03 099600 | HIGH-PERFORMANCE COATINGS | Specialty coatings for use on exterior and interior substrates. |

DIVISION 10 - SPECIALTIES

| | | | |
|--|--------------|------------------------------|---|
| | 11/04 101400 | SIGNAGE | Exterior and interior signs, letters, and plaques. |
| | 11/04 101426 | POST AND PANEL/PYLON SIGNAGE | Freestanding exterior aluminum or fiberglass panel signs. |
| | 2/06 107500 | FLAGPOLES | Aluminum, bronze, stainless-steel, steel, and fiberglass flagpoles. |

DIVISION 11 - EQUIPMENT

| | | | |
|--|-------------|---|---|
| | 6/05 110513 | COMMON MOTOR REQUIREMENTS FOR EQUIPMENT | Universal default values for small and medium, ac motors. |
|--|-------------|---|---|

DIVISION 13 - SPECIAL CONSTRUCTION

| | | | |
|--|-------------|------------------------|---|
| | 8/02 133419 | METAL BUILDING SYSTEMS | Systems consisting of structural framing, roofing and siding panels, and standard components. |
|--|-------------|------------------------|---|

DIVISION 22 - PLUMBING

| | | | |
|--|--------------|------------------------------------|--|
| | 3/04 221113 | FACILITY WATER DISTRIBUTION PIPING | Utility service, domestic, and fire-protection water. |
| | 12/01 221313 | FACILITY SANITARY SEWERS | Sanitary sewerage and underground structures outside the building. |

DIVISION 23 - HEATING VENTILATING AND AIR CONDITIONING

| | | | |
|--|----------------|------------------------------|---|
| | 3/03 232113.33 | GROUND-LOOP HEAT-PUMP PIPING | Horizontal and vertical, direct-buried, ground-loop piping. |
|--|----------------|------------------------------|---|

DIVISION 26 - ELECTRICAL

| | | | |
|---|-------------|-------------------|--|
| R | 6/03 265600 | EXTERIOR LIGHTING | Exterior luminaires including poles and standards. |
|---|-------------|-------------------|--|

DIVISION 31 - EARTHWORK

| | | | |
|--|--------------|-----------------------------------|--|
| | 11/01 311000 | SITE CLEARING | Clearing and grubbing, and topsoil removal. |
| | 2/02 312000 | EARTH MOVING | Excavating, filling, and grading. |
| | 8/05 312319 | DEWATERING | Construction dewatering and groundwater controls. |
| | 5/02 313116 | TERMITE CONTROL | Control by treatment of soil with termiticides, installation of bait stations to dispense termiticides, and installation of permanent metal mesh barriers. |
| | 8/05 315000 | EXCAVATION SUPPORT AND PROTECTION | Soldier piles and lagging, sheet piling, and tiebacks. |
| | 8/01 316200 | DRIVEN PILES | Evaluations for Sections 316213, 316216, 316219, and 316223. |
| | 8/01 316213 | CONCRETE PILES | Solid and hollow, prestressed, precast concrete piles. |

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| 8/01 | 316216 | STEEL PILES | Steel H-section piles and protective coatings. |
| 8/01 | 316219 | TIMBER PILES | Preservative-treated round timber piles. |
| 8/01 | 316223 | COMPOSITE PILES | Concrete-filled steel shell and steel pipe piles. |
| 8/05 | 316329 | DRILLED CONCRETE PIERS AND SHAFTS | Dry-installed and slurry-displacement-installed types. |

DIVISION 32 - EXTERIOR IMPROVEMENTS

| | | | |
|-------|--------|--------------------------------|---|
| 8/05 | 321216 | ASPHALT PAVING | Paving, overlays, and surface treatments. |
| 2/02 | 321313 | CONCRETE PAVING | General applications. |
| 5/02 | 321373 | CONCRETE PAVING JOINT SEALANTS | Sealants for concrete and asphalt pavement joints. |
| 8/03 | 321400 | UNIT PAVING | Brick, asphalt, concrete, and rough stone pavers. |
| 8/02 | 323113 | CHAIN LINK FENCES AND GATES | Standard chain-link fencing systems. |
| 12/05 | 328400 | PLANTING IRRIGATION | Heads, pipes, and controls. |
| 2/06 | 329200 | TURF AND GRASSES | Seeded, sodded, plugged, and sprigged turf and meadows; planting soils; pesticides; erosion-control materials; turf renovation; and grass paving. |
| 2/06 | 329300 | PLANTS | Plants, planting soils, pesticides, tree-stabilization materials, edgings, and tree grates. |

DIVISION 33 - UTILITIES

| | | | |
|-------|--------|-----------------------------------|---|
| 6/04 | 330500 | COMMON WORK RESULTS FOR UTILITIES | Basic piping materials and methods. |
| 12/01 | 334100 | STORM UTILITY DRAINAGE PIPING | Gravity and forced storm piping and underground structures. |
| 3/03 | 334600 | SUBDRAINAGE | Drainage for foundations, underslabs, plaza decks, retaining walls, and landscaped areas. |
| 11/02 | 334713 | POND AND RESERVOIR LINERS | Geomembrane liners and covers. |

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